

BEGA**50 044**

Ceiling and wall luminaire for indoor use

Project · Reference number

Date

Product data sheet

Application

Ceiling and wall luminaire · indoor luminaire made of hand-blown opal glass and metal housing, for all lighting tasks. They are ideal for places where a soft and uniform lighting distribution is required. Luminaire with HF-motion sensor.

Product description

Metal housing,
finish white enamel
Hand-blown opal glass, satin matt,
with bayonet closure
Integrated HF-motion sensor,
maximum range 8 m
2 mounting holes \varnothing 6 mm
Distance apart 340 mm
2 cable entries for through-wiring for mains
cable up to \varnothing 10,5 mm max. 3×1.5^2
Connection terminal 2.5^2
Earth conductor connection
LED power supply unit
230 V \sim 50 Hz
Safety class I
CE – Conformity mark
Weight: 4.6 kg

Inrush current

Inrush current: 20 A / 400 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 9 luminaires
B 16A: 15 luminaires
C 10A: 15 luminaires
C 16A: 25 luminaires

Lamp

Module connected wattage 43.5 W
Luminaire connected wattage 49.7 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a,max} = 30^\circ\text{C}$

50 044 K3

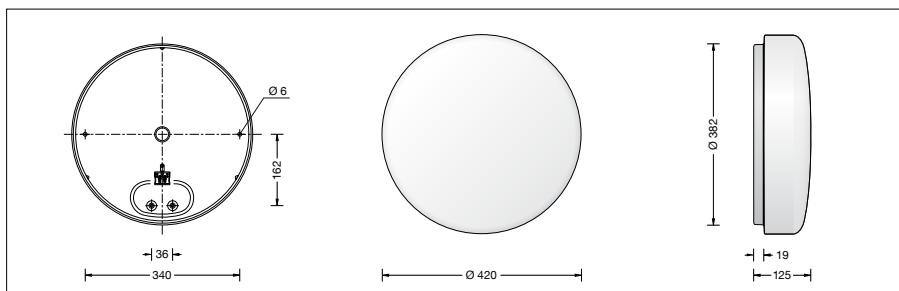
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 5505 lm
Luminaire luminous flux 3412 lm
Luminaire luminous efficiency 68,7 lm/W

50 044 K2

Colour temperature 2700 K
Colour rendering index CRI > 90
Module luminous flux 5465 lm
Luminaire luminous flux 3387 lm
Luminaire luminous efficiency 68,1 lm/W

50 044 K4

Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 5705 lm
Luminaire luminous flux 3535 lm
Luminaire luminous efficiency 71,1 lm/W

**Service life of the LED**

Ambient temperature $t_a = 25^\circ\text{C}$
– at 107,000h: L70B50
max. ambient temperature $t_a = 30^\circ\text{C}$
– at 81,000h: L70B50

Light technique

Luminaire data for the light planning program
DIALux for outdoor lighting, street lighting and
indoor lighting as well as luminaire data in
EULUMDAT- and IES-format you will find on the
BEGA web page www.bega.com.

Article No. 50 044

LED colour temperature optionally 2700 K,
3000 K or 4000 K
2700 K – Article number + **K2**
3000 K – Article number + **K3**
4000 K – Article number + **K4**

If the article number is followed by a **P**, we can
also supply these luminaires in impact-resistant
synthetic material.

Accessory · Trim rings

For this luminaire metal trim rings in 3 enamel
surfaces are optional available.
Trim rings are accessories and must be ordered
separately.

Item	Part. No
Finish enamel white	13007
Finish enamel palladium	13008
Finish enamel glossy silver	13009